

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed Oct 31 12:01:06 EDT 2007

=====

Application No: 10561307

Version No: 1.0

**Input Set:****Output Set:****Started:** 2007-10-15 17:53:44.762**Finished:** 2007-10-15 17:53:45.892**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 130 ms**Total Warnings:** 36**Total Errors:** 0**No. of SeqIDs Defined:** 36**Actual SeqID Count:** 36

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

**Input Set:**

**Output Set:**

**Started:** 2007-10-15 17:53:44.762  
**Finished:** 2007-10-15 17:53:45.892  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 130 ms  
**Total Warnings:** 36  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 36  
**Actual SeqID Count:** 36

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

# SEQUENCE LISTING

<110> AstraZeneca AB  
Shapiro, Adam

<120> Nucleic Acid Polymerase Fluorescence Assays

<130> 100993-1P US

<140> 10561307

<141> 2007-10-15

<150> PCT/GB04/002684

<151> 2004-06-24

<150> US 60/484,031

<151> 2003-06-30

<160> 36

<170> PatentIn version 3.3

<210> 1

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer template sequence

<400> 1

aagtcggggtc agtagttatg t

21

<210> 2

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer 1

<400> 2

tatctactga c

11

<210> 3

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer 2

<400> 3

tatctactga cc

12

<210> 4  
<211> 13  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 3

<400> 4  
tatctactga ccc 13

<210> 5  
<211> 14  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 4

<400> 5  
tatctactga cccg 14

<210> 6  
<211> 15  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 5

<400> 6  
tatctactga cccga 15

<210> 7  
<211> 16  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 6

<400> 7  
tatctactga cccgac 16

<210> 8  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 7

<400> 8	
tatctactga cccgact	17
<210> 9	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer 8	
<400> 9	
tatctactga cccgactt	18
<210> 10	
<211> 43	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer template 2	
<400> 10	
tctctctctc tctctctctc tctctctctc gacacaacac aac	43
<210> 11	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer 9	
<400> 11	
gttgtgttgt gtcg	14
<210> 12	
<211> 13	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer 10	
<400> 12	
ttgtgttgtg tcg	13
<210> 13	
<211> 12	
<212> DNA	
<213> Artificial Sequence	

<220>  
<223> Primer 11  
  
<400> 13  
tgtgttgtgt cg 12

<210> 14  
<211> 11  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 12  
  
<400> 14  
gtgttgtgtc g 11

<210> 15  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 13  
  
<400> 15  
tgttgtgtcg 10

<210> 16  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 14  
  
<400> 16  
tatctactga cccgacttat gactggaat 29

<210> 17  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 15  
  
<400> 17  
attccagtca taagtcgggt cagtagtta 29

<210> 18

<211> 30  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer 16  
  
 <400> 18  
 attccagtca taagtcgggt cagtagttat 30  
  
 <210> 19  
 <211> 31  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer 17  
  
 <400> 19  
 attccagtca taagtcgggt cagtagttat g 31  
  
 <210> 20  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer 18  
  
 <400> 20  
 attccagtca taagtcgggt cagtagttat gt 32  
  
 <210> 21  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer 19  
  
 <400> 21  
 attccagtca taagtcgggt cagtagttat gt 32  
  
 <210> 22  
 <211> 11  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer 20  
  
 <400> 22  
 tatctactga c 11



<210> 23  
<211> 16  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 21

<400> 23  
gttgtgttgt gtcgag 16

<210> 24  
<211> 78  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 22

<400> 24  
ctctctctct ctctctctct ctctctctct ctctctctct ctctctctct ctctctctct 60  
  
ctctcgacac aacacaac 78

<210> 25  
<211> 43  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 23

<400> 25  
tctctctctc tctctctctc tctctctctc gacacaacac aac 43

<210> 26  
<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 24

<400> 26  
gtgttgcg 8

<210> 27  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 25  
  
<400> 27  
gtggttgca 9

<210> 28  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 26  
  
<400> 28  
gtggttgag 10

<210> 29  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 27  
  
<400> 29  
tctctctctc tctctcgaca caacacaac 29

<210> 30  
<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 28  
  
<400> 30  
gtggttgca 8

<210> 31  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer 29  
  
<400> 31  
gtggttgca 9

<210> 32  
<211> 10

<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> primer 30  
  
<400> 32  
gtggttgcgag 10

<210> 33  
<211> 32  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer 31  
  
<400> 33  
attccagtca taagtcgggt cagtagttat gt 32

<210> 34  
<211> 15  
<212> DNA  
<213> Artificial  
  
<220>  
<223> Primer 32  
  
<400> 34  
tatctactga cccga 15

<210> 35  
<211> 31  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> primer 33  
  
<400> 35  
tctctctctc tctctctcga cacaacacaa c 31

<210> 36  
<211> 11  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer 34  
  
<400> 36  
gtggttgtgtc g 11

